



ELSEVIER

Signal Processing 53 (1996) 259–260

**SIGNAL
PROCESSING**

Cumulative contents of Volume 53

Volume 53, No. 1, August 1996

Papers

P.O. Amblard, M. Gaeta and J.L. Lacoume Statistics for complex variables and signals – Part I: Variables	1
P.O. Amblard, M. Gaeta and J.L. Lacoume Statistics for complex variables and signals – Part II: Signals	15
S.Y. Doh and R.-H. Park Segmentation of statistical texture images using the metric space theory	27
P. Sircar and M.S. Syali Complex AM signal model for non-stationary signals	35
C.S. Regazzoni and A. Tesei Distributed data fusion for real-time crowding estimation	47
K.-H. Yeh and H.-C. Lu Shape parameter in the two-dimensional low-pass FIR digital filters design by transformation	65
M. Benidir On the root distribution of general polynomials with respect to the unit cycle	75
K. Kurosawa Fast stability test algorithm for discrete time systems	83

Volume 53, No. 2–3, September 1996

Special Issue on Higher-Order Statistics

Guest Editors: A. Swami and G.B. Giannakis

Papers

A. Swami and G.B. Giannakis Editorial	89
P. Comon and B. Mourrain Decomposition of quantics in sums of powers of linear forms	93
M.C. Dogan and J.M. Mendel Blind deconvolution (equalization): Some new results	109
K. Kameyama, T. Inoue, I.Y. Demin, K. Kobayashi and T. Sato Acoustical tissue nonlinearity characterization using bispectral analysis	117
O. Michel and P. Flandrin Application of methods based on higher-order statistics for chaotic time series analysis	133
B. Porat and B. Friedlander Blind deconvolution of polynomial-phase signals using the high-order ambiguity function	149
K.-S. Lii Nonlinear systems and higher-order statistics with applications	165
G. Scarano and G. Jacovitti Applications of generalized cumulants to array processing	179
L. Tong Identification of multichannel MA parameters using higher-order statistics	195

M.K. Tsatsanis, G.B. Giannakis and G. Zhou

Estimation and equalization of fading channels with random coefficients 211

A. Swami

Cramer–Rao bounds for deterministic signals in additive and multiplicative noise 231

A.M. Zoubir and M.J. Arnold

Testing Gaussianity with the characteristic function: The i.i.d. case 245

Author index of Volume 53 257

Cumulative contents of Volume 53 259

